

REMARKS/ARGUMENTS

Claims 3-6 and 12-17 remain in this application. Claims 2, and 7-10 have been cancelled and claims 1 and 11 have been withdrawn.

The Examiner has rejected claims 3-6 and 12-17 under 35 USC 102(e) as being anticipated by Arnold et al. (U.S. Patent Number 5,905, 719). Specifically, with respect to independent claims 3, 4, 12 and 17, the Examiner asserts that: a) Figure 4 of the cited reference discloses a wireless access with each frame having a plurality of data slots as stated in the preamble of the independent claims, b) Column 1 lines 34-44 of the cited reference discloses the step and means for identifying the type of traffic as recited as the first element of the claims in question, c) Column 6 lines 50-67 of the cited reference discloses the reserving at least one data slot step and means as recited in the claims in question, and d) Column 4 lines 40-56 of the cited referenced discloses using a control time slot to identify the traffic type of each data slot as recited in the claims in question.

Applicants respectfully disagree with the Examiner's conclusions and the Examiner's interpretation of what Arnold et al. discloses. Specifically, Column 1 lines 34 – does not discloses what the Examiner suggests. Column 1 lines 34-44 is a description of the background of the invention indicted a need in the industry at the time of the invention of Arnold et al for access to the internet from mobile terminals. This citation just identifies the prior art capabilities of Cellular Digital Packet Data. There isn't any teaching, disclosure or suggestion in this citation that informs the reader of a method or means of identifying types of traffic from one communication device to another.

In addition, the citation of Column 6, lines 50-67 of Arnold et al does not describe, as the Examiner concludes, a method or means for reserving one of the plurality of data slots for each type of traffic. Column 6, lines 50 – 67 of Arnold et al., discloses a frame structure for time division multiplexing the downlink and uplink data at the same frequency. There isn't any teaching or suggestion in this citation to a method or means for reserving one of plurality of data slots for each of the different types of traffic being transmitted.

Finally, the Examiner asserts that Column 4, lines 40-56, discloses using a control time slot to identify the traffic type of each data slot. Column 4, lines 40-56 there is nothing in the referenced citation that teaches, discloses or suggest the use of a control channel to identify the type of traffic in each of a plurality of data slots.

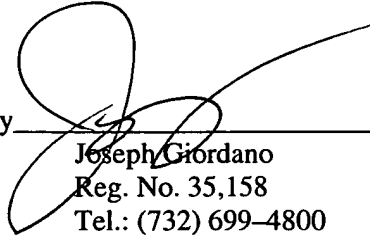
In summary, Arnold et al. merely discloses a basic frame structure for time division multiplexing the up link and downlink data in a wireless environment to take advantage of the natural asymmetry of internet data traffic. It does not disclose a method and system for transmitting frames of data over a wireless access system for use by multiple types of traffic and the ability to handle the multiple types of traffic that may be transmitted over such and access ling.

For the foregoing reasons Applicants assert that the present set of claims are patentably distinct from the cited reference. Accordingly, Applicant respectfully requests that these claims pass to issue and that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

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